

## Nylon 6/6 Material Specifications

Properties	Nylon 6/6	Nylon 6/6 UV Stabilized	Nylon 6/6 Heat / UV Stabilized
Humidity absorption	2.5%	2.5%	2.5%
Operating Temperature Range	-40° F to 185 ° F	-40° F to 185 ° F	-40° to 220 ° F
Installation Temperature Range	14 ° F to 140 ° F	14 ° F to 140 ° F	14° F to 140 ° F
Melting Point	490° F	490° F	490° F
Limit Oxygen Index (LOI)	27%	27%	27%
UV Resistance	poor	very good	very good
UL Flammability	UL 94 V2	UL 94 V2	UL 94 V2

## Cable Tie Packaging

Prefix	Code	pcs./bag
Item #	-C	100
	-M	1000
	-D	50
example: 5203-M = 1000 pcs./bag		

## Cable Tie Color Designation

Prefix	Code	Description
Item #	RO	Red
	GR	Green
	GI	Yellow
	BL	Blue
	OR	Orange
example: 5203RO-C = red, 100pcs.		

**Nylon 6/6** is a versatile industrial grade material that has excellent resistance to impact, abrasion, oil products, and most chemicals. Nylon has no resistance to phenols.

**UV Stabilized Nylon 6/6** contains a carbon black additive to protect against ultraviolet light. UV Stabilized material will prolong the life of ties used in outdoor applications.

**Heat Stabilized Nylon 6/6** is treated to withstand higher temperature applications without adverse effect.

**General Care:** Nylon cable ties are hydroscopic, meaning they will loose or gain moisture, depending on the relative humidity of their environment. Mills & Kemble cable ties are conditioned with moisture sealed in high density poly bags and should remain in sealed plastic bags until ready for use.



Where applicable, Mills & Kemble cable ties are recognized under the Underwriters Laboratory (UL) component recognition program.

Our cable ties are manufactured by ISO 9002 certified companies who have obtained quality certifications around the world. Please inquire about Mil Spec approved cable ties, or other approval certifications.

## Order Information:

- A cable tie cross reference is located on page 15 of this catalog for your convenience.
- Please indicate your preference with regard to labels on individual bags of product: Mills & Kemble label, no label, or your private label.
- Additional sizes, colors and materials are available upon request. Please inquire about availability and pricing for items not listed. Volume discounts available.